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BOOK OF VIEWS

SHOWING RECENT WORK DONE BY

CEMENT GUN CONSTRUCTION CO.

CHICAGO and PITTSBURGH

GUNITE BOOK NO. 7

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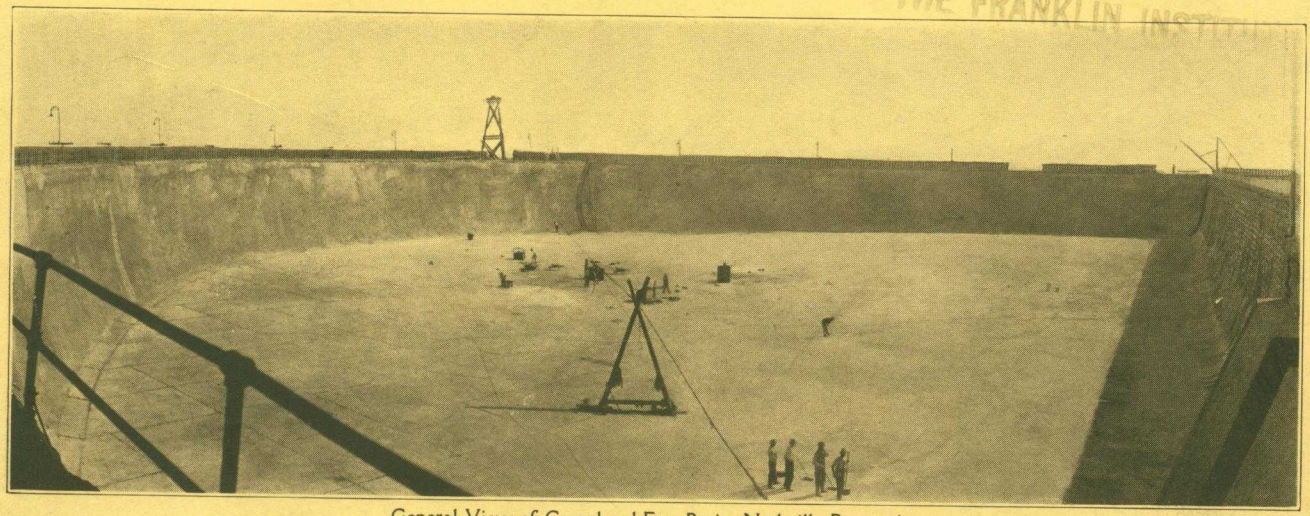


General View of Completed East Basin, Nashville Reservoir

WE DO GOOD WORK

175

CEMENT GUN CONSTRUCTION COMPANY

ENGINEERS AND CONTRACTORS

CEMENT GUN WORK OF ALL KINDS
REPAIRING — RECONSTRUCTING — BUILDING
CONCRETE PRODUCTS

Copyright 1922
CEMENT GUN CONSTRUCTION CO.
Chicago

CHICAGO PITTSBURGH

WE DO GOOD WORK

PURPOSES FOR WHICH WE HAVE USED CEMENT GUN CONSTRUCTION

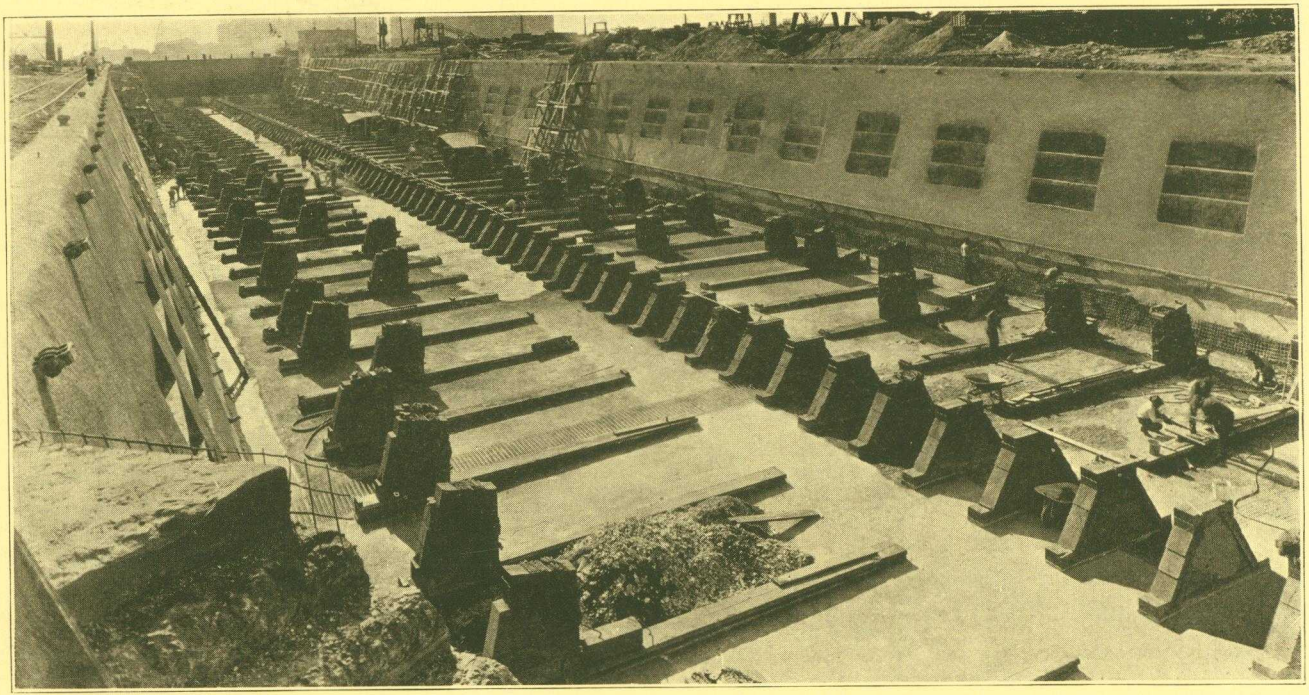
Steel Bridge Encasement
Fireproofing Steel Structures
Walls on Industrial Buildings
Roofs on Industrial Buildings
Fire Stops in Roof Trusses
Coating Tile Walls
Covering Brick Walls

Building Water Reservoirs
Restoring Disintegrated Concrete
Waterproofing Hot Water Basins
Protecting Piling against Teredos
Waterproofing Dams
Holding Rock Cuts
Lining Tunnels

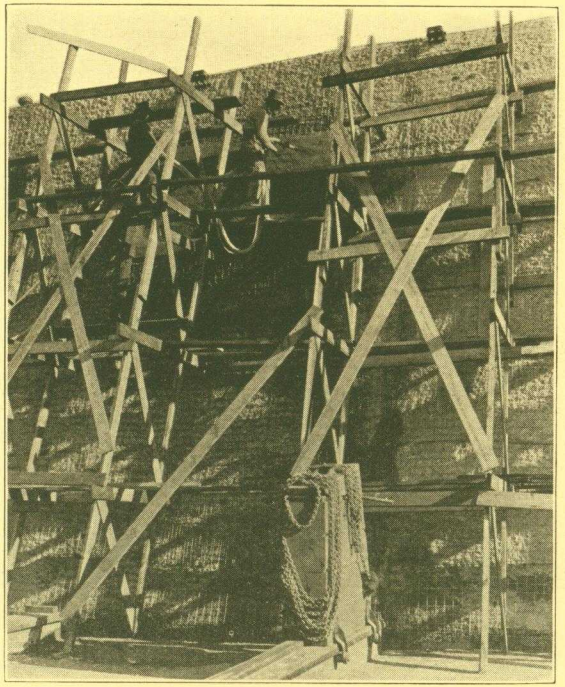
Reconstructing Defective Masonry
Insulating Hot Containers
Insulating Cold Tanks
Lining Coal and Ash Bins
Lining Smoke Stacks
Restoring Brick Sewers
Fireproofing Mine Shafts

Making Gunite Chimneys
Making Battery Wells
Making Electrolytic Cells
Making Gasoline Containers
Making Telephone Booths
Making Pickling Vats
Making Septic Tanks

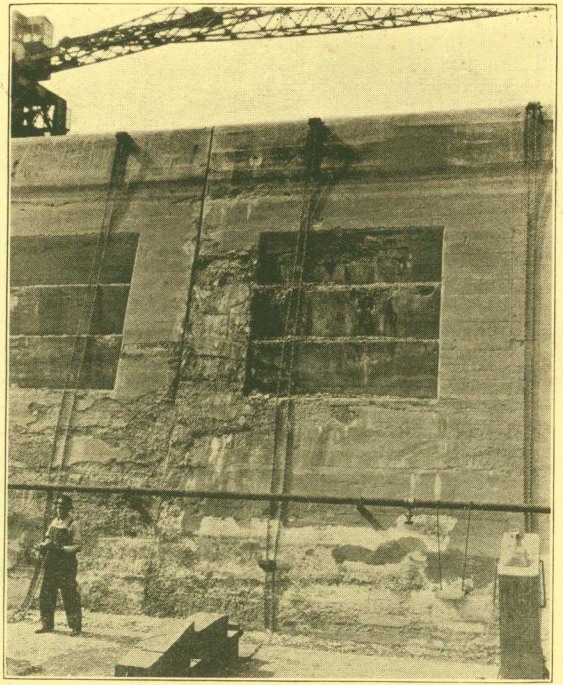
Progress view showing Cement-Gun work on floor of South Chicago Dry Dock. This entire job including walls and floor was done in 45 working days. (See following page)



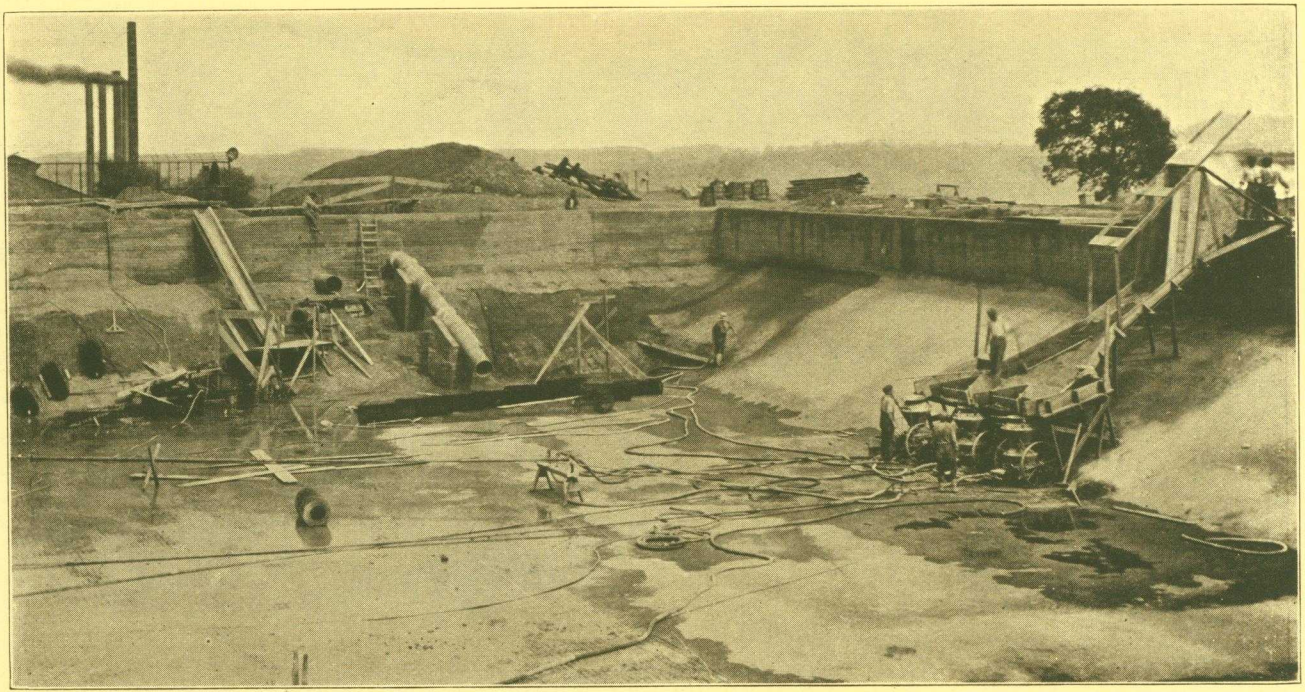
Progress view of South Chicago Dry Dock nearing completion. 300 yards of disintegrated concrete was removed from this structure and replaced with Gunite.



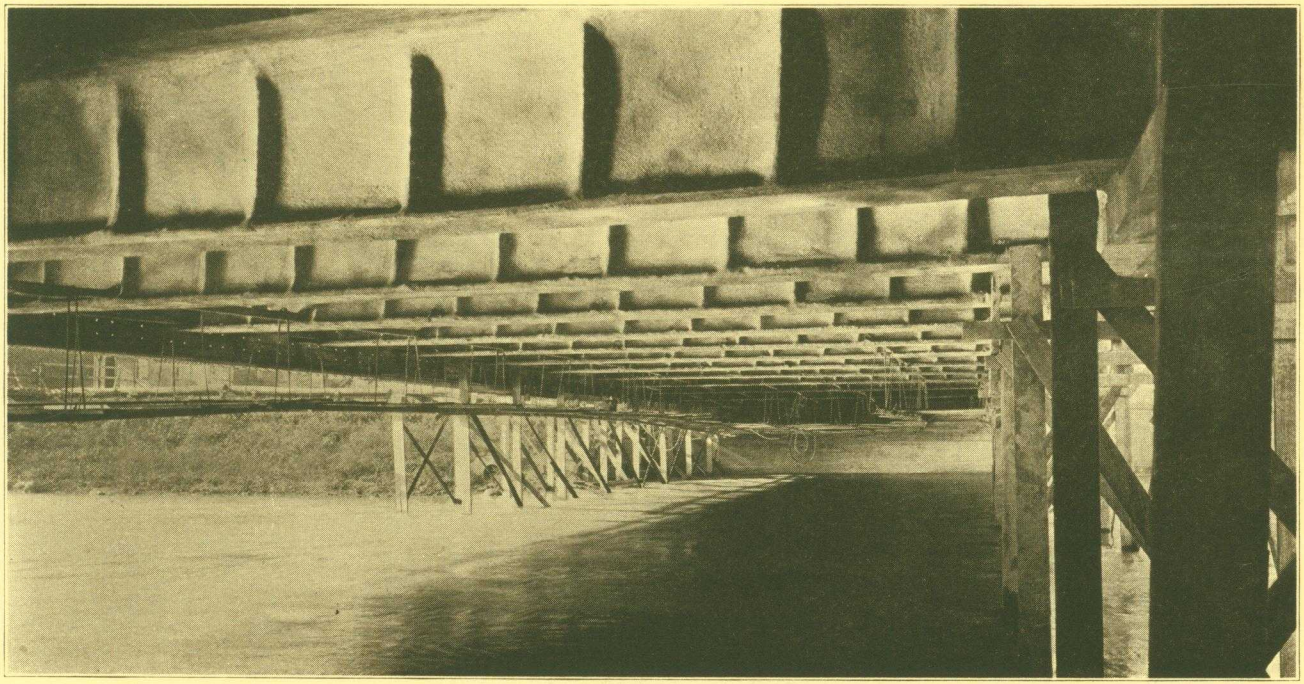
View of portion of South Chicago
Dry Dock showing method of repair.



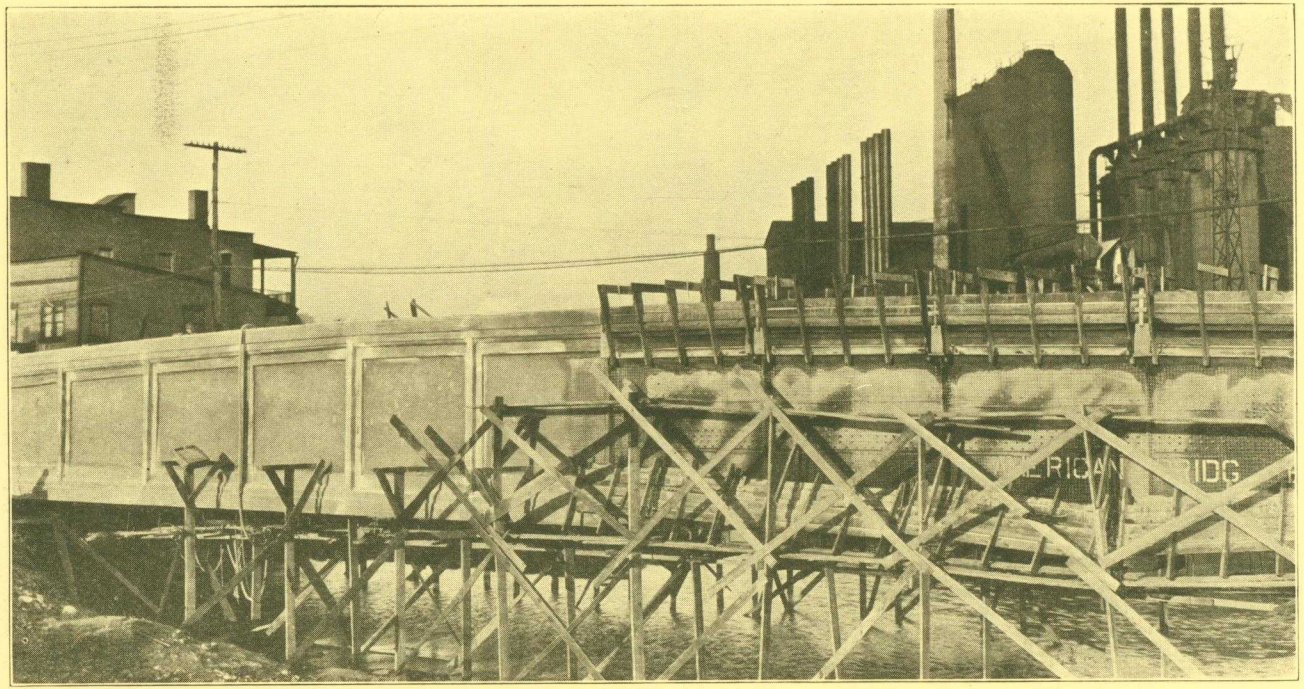
View of portion of South Chicago
Dry Dock showing disintegrated concrete.



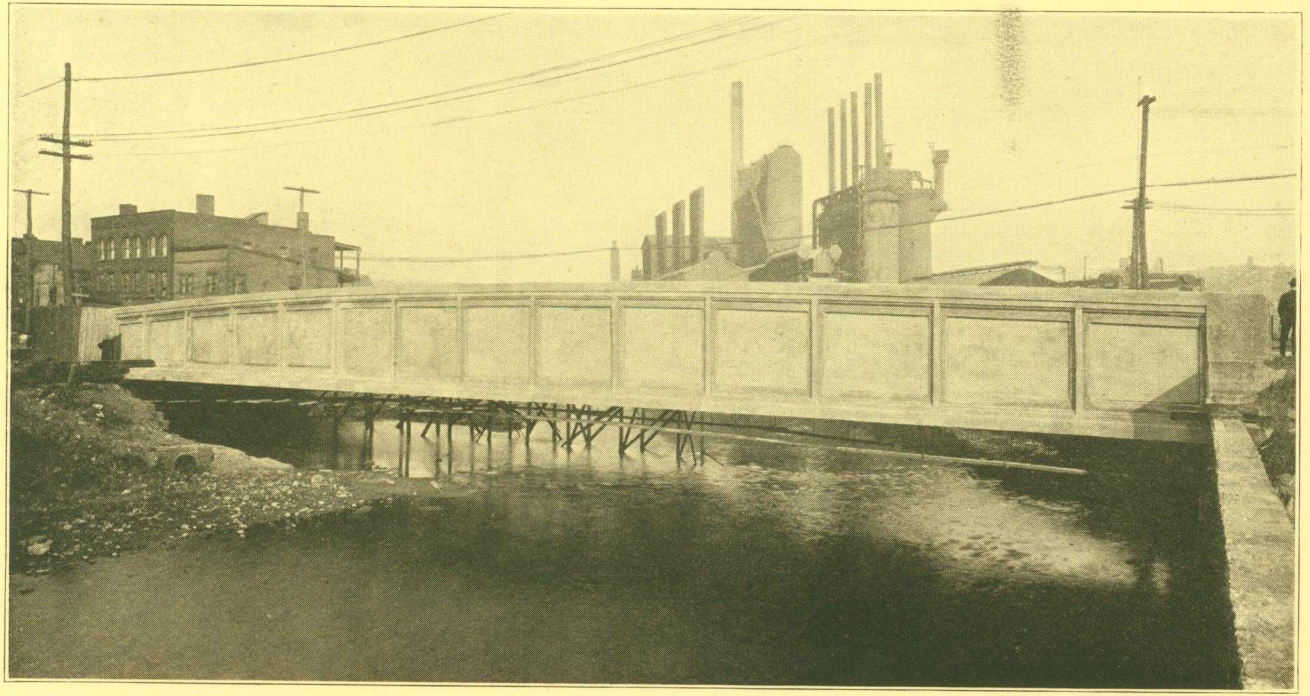
15,000,000 gallon reservoir for Canton Sheet Steel Company, Canton, Ohio. Reinforced Gunite floor on hard clay bottom, extending up over concrete side walls. No expansion joint.



Progress view showing Gunite steel encasement on underside of highway bridge at New Castle, Pa.



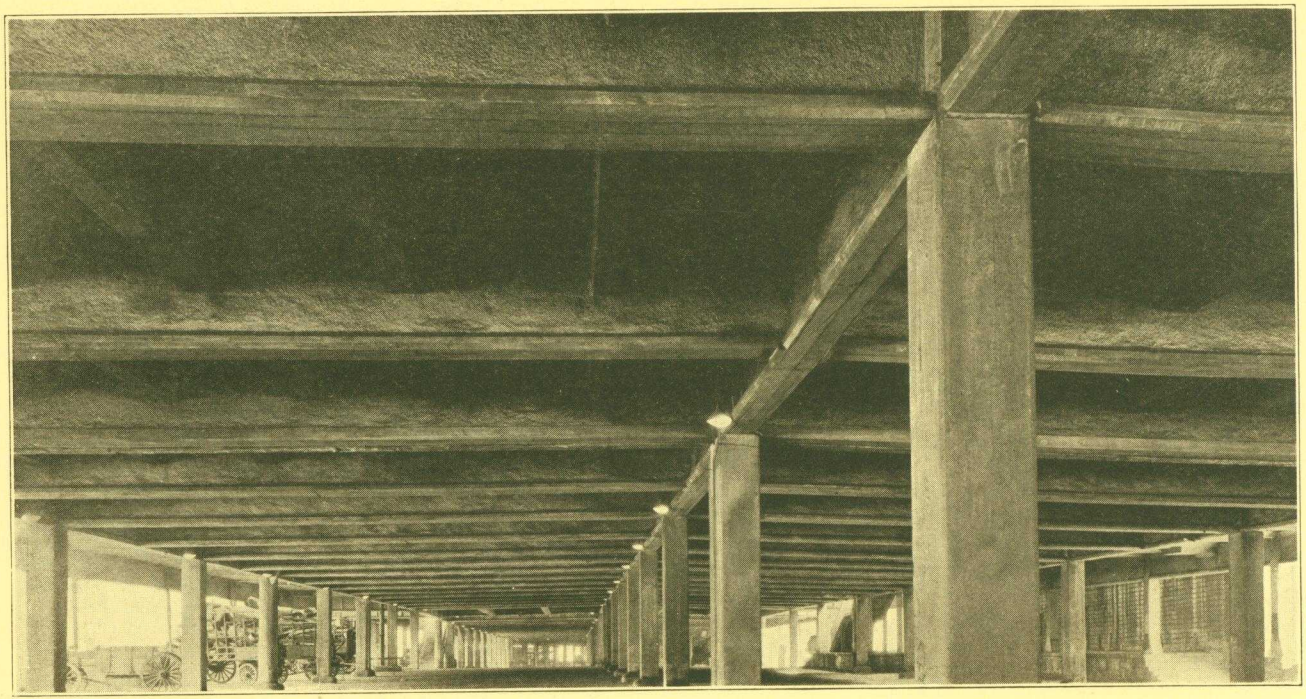
Progress view of partially completed encasement of highway bridge girder at New Castle, Pa.



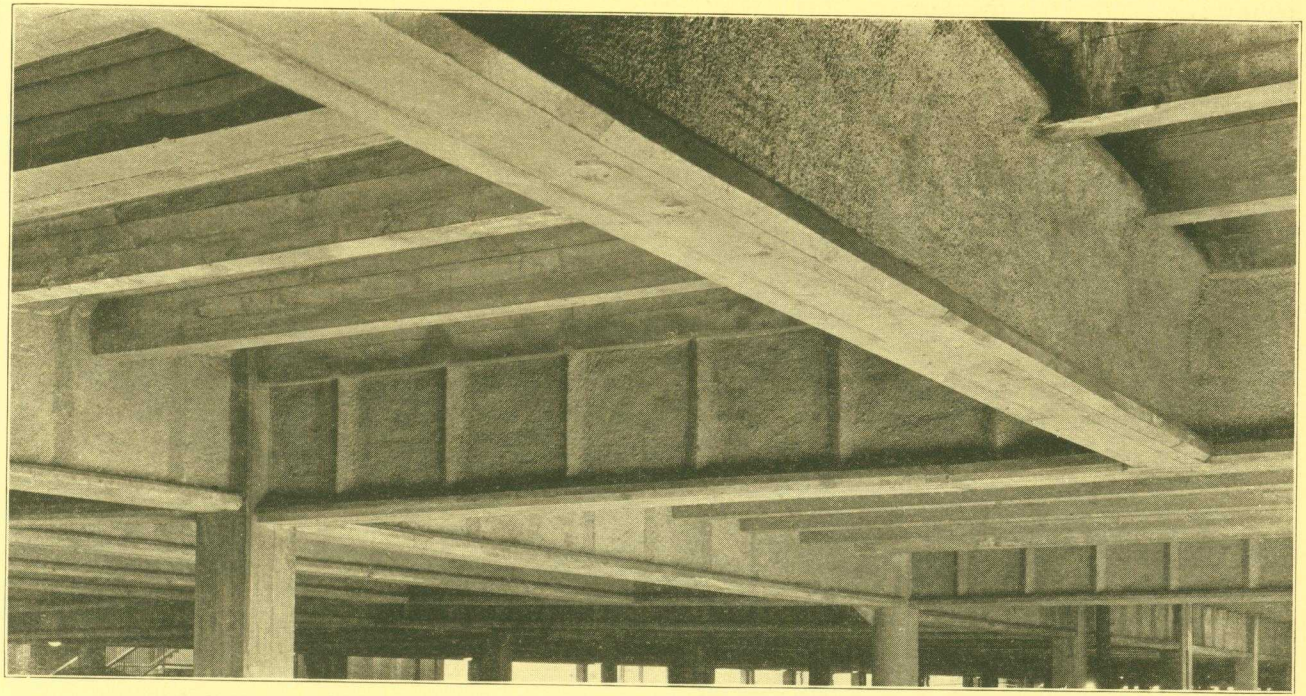
View of finished Gunite encased steel bridge girder at New Castle, Pa. This girder is 175 ft. long by 12 ft. deep at center.

View showing method of restoring soffit of stone arch bridge at Elm Grove, W. Va. Note the holes left by disintegration. All rotten stone was first removed and surface restored smooth to a line 2 inches beyond original surface.

Old stone arch bridge at Elm Grove, W. Va., reinforced and protected against further disintegration by Gunite covering.

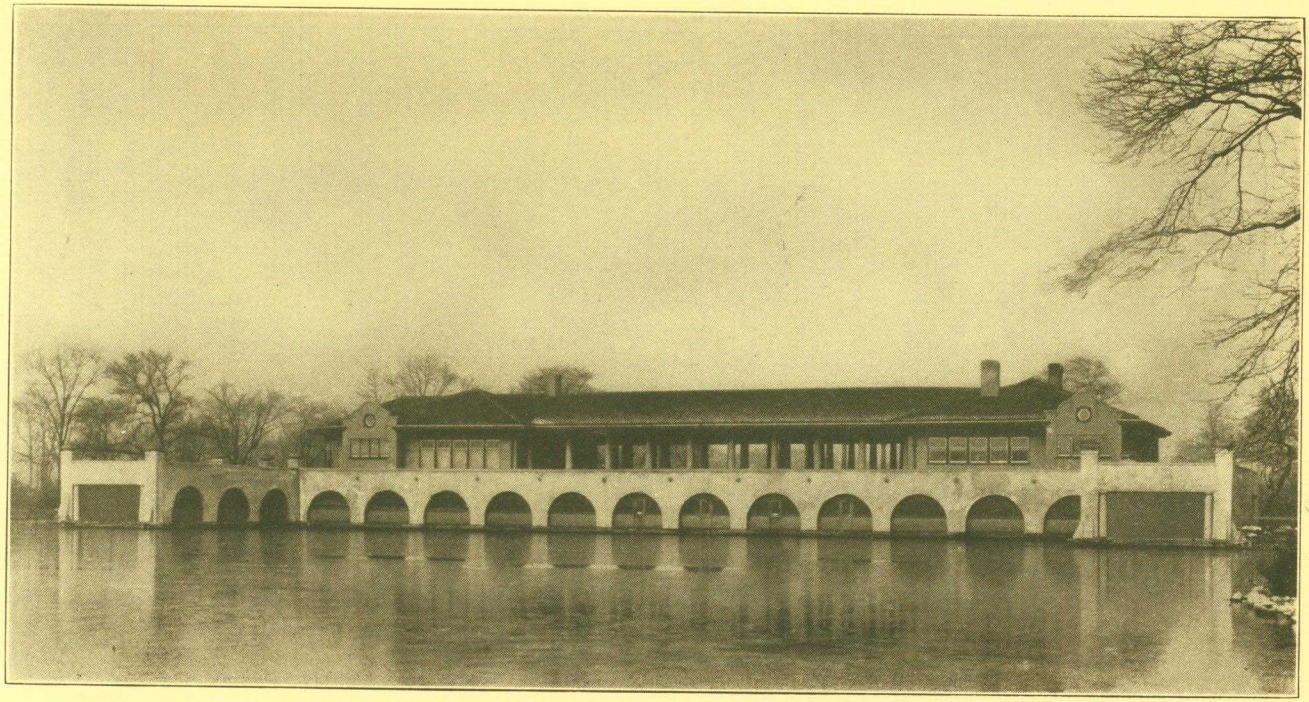


Under side of Michigan Ave. Link Bridge, North Approach, Chicago, Ill., showing Gunite encased steel girders.



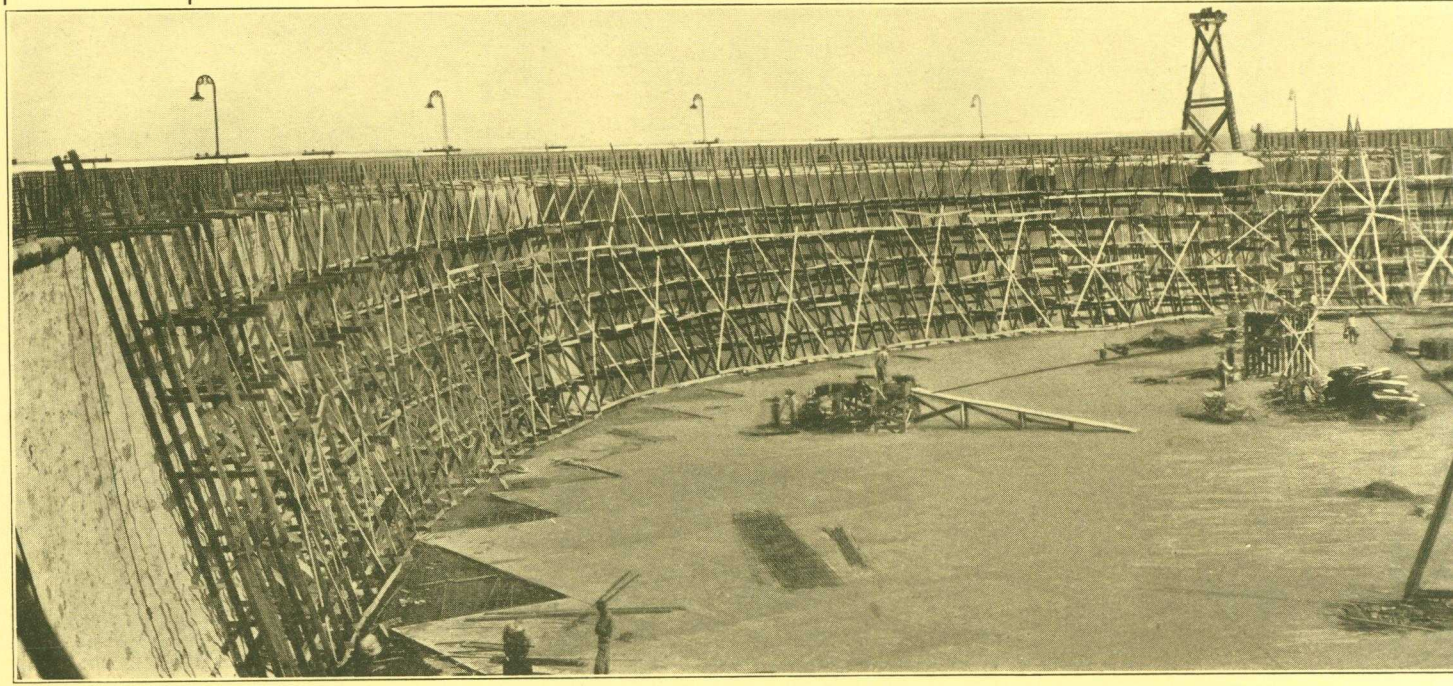
Underside of Michigan Ave. Link Bridge, Chicago, Ill., showing texture of Gunite finish.

Underside of Harrison Street Viaduct, Chicago, showing Gunite encased steel beams and girders.



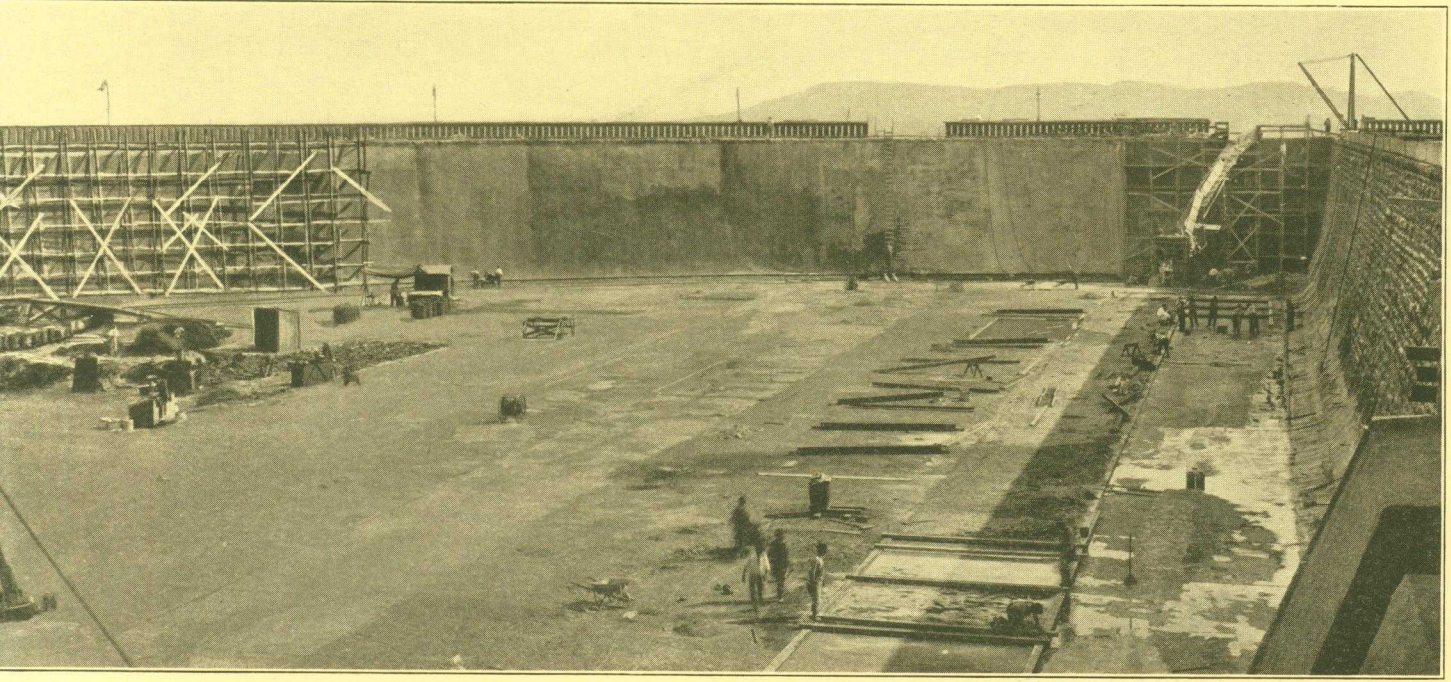
Boathouse at Douglas Park, Chicago. Gunite on brick walls.

Wall Cleaned | First coat of Gunite | Membrane Water Proofing | S

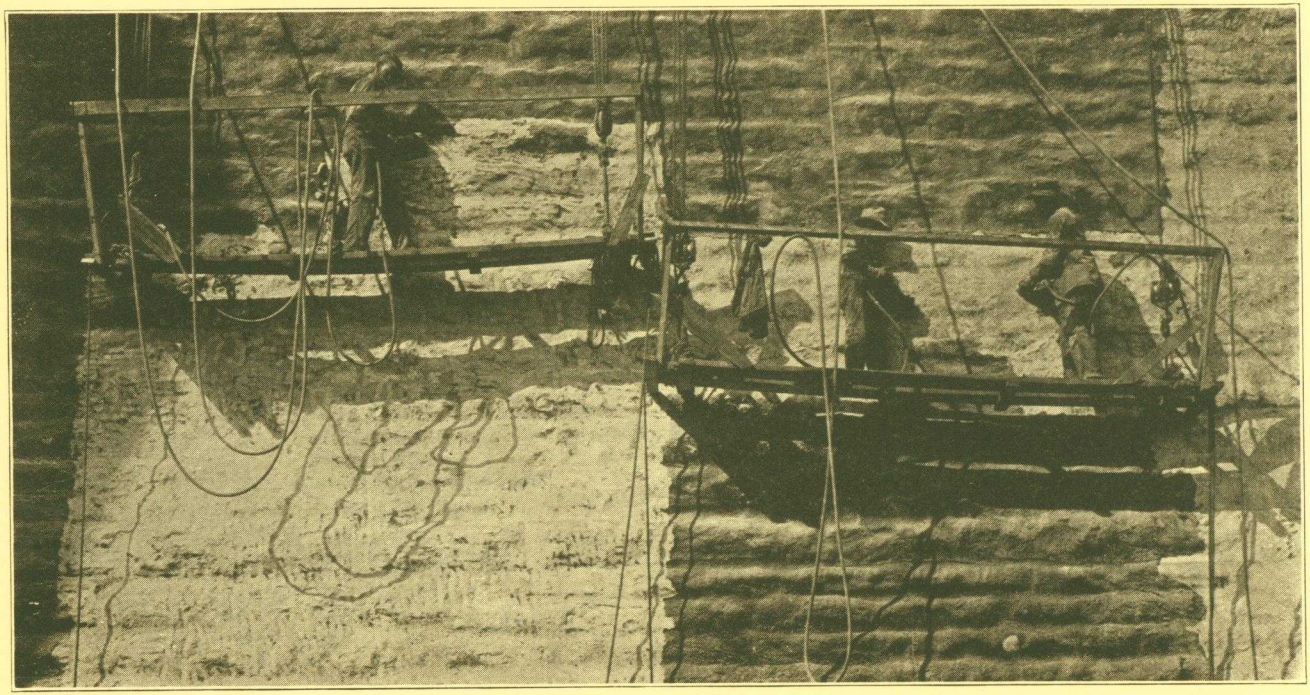


Progress view showing all stages of work on relini
For full particulars, send for sp

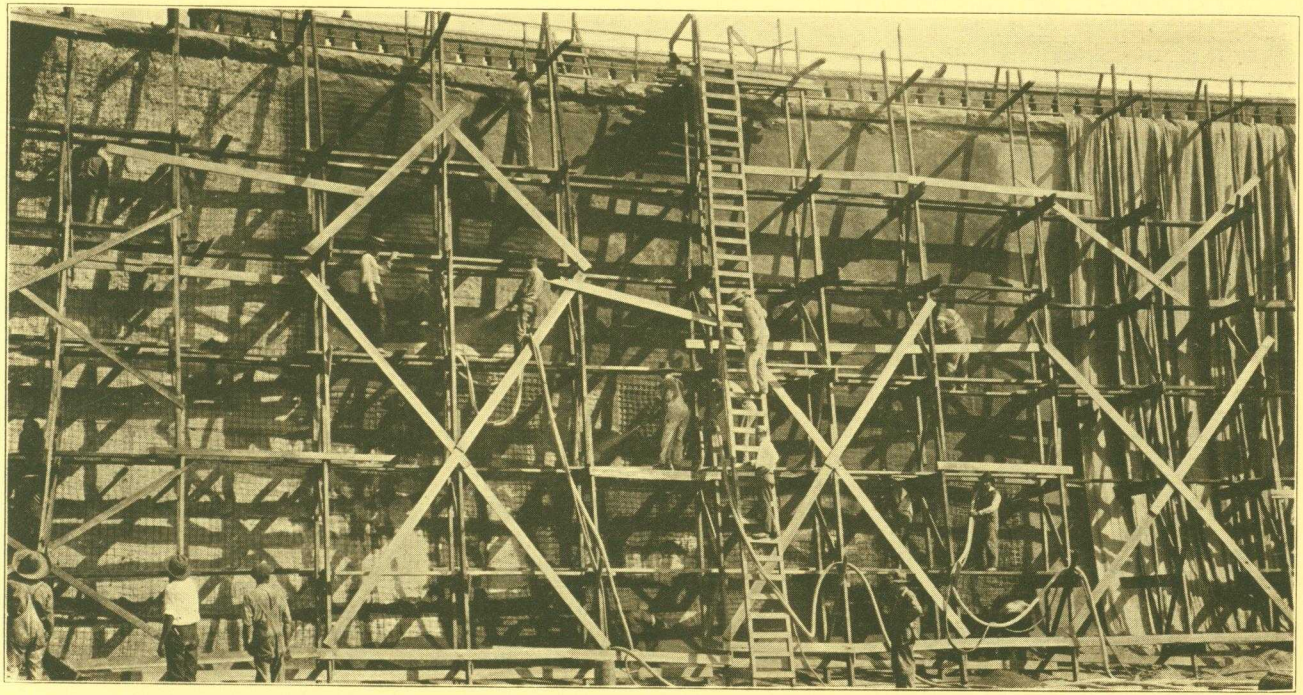
g final coat of Gunite ➡|⬅ Wall completed and Scaffold removed ➡|⬅ Bringing Material over Wall ➡



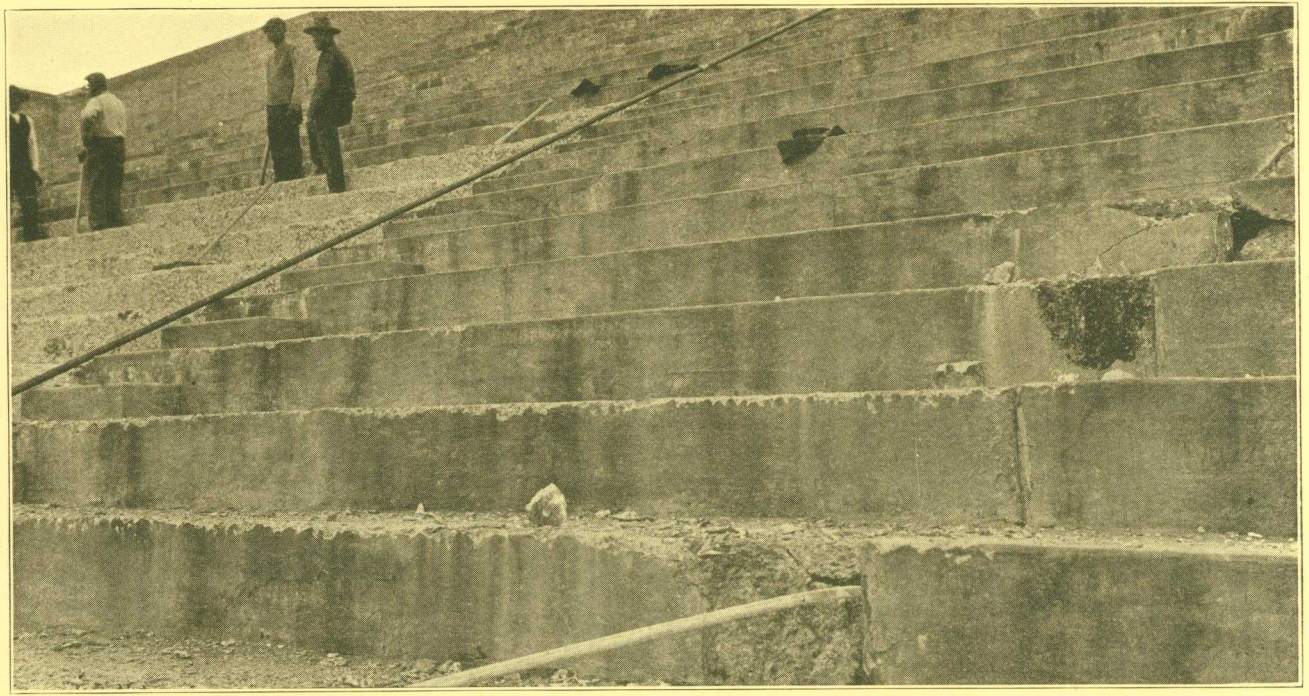
d waterproofing City reservoir at Nashville, Tenn.
bulletin on Nashville reservoir.



Preparing stone walls of Nashville City reservoir to receive first coat of Gunite. Entire surface was cleaned with pneumatic chisels insuring perfect bond.

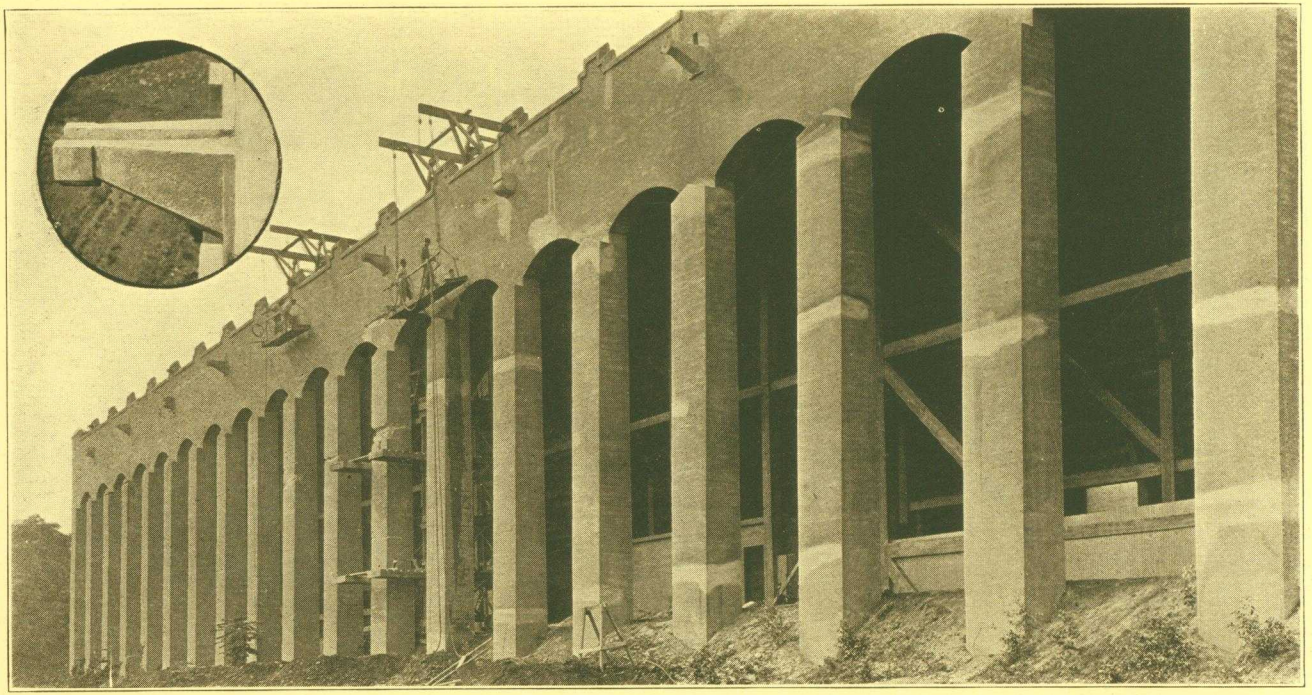


Applying first coat of Gunite on walls of Nashville City reservoir. Three nozzles in operation. Protected with sheets of wet burlap to prevent drying too rapidly.

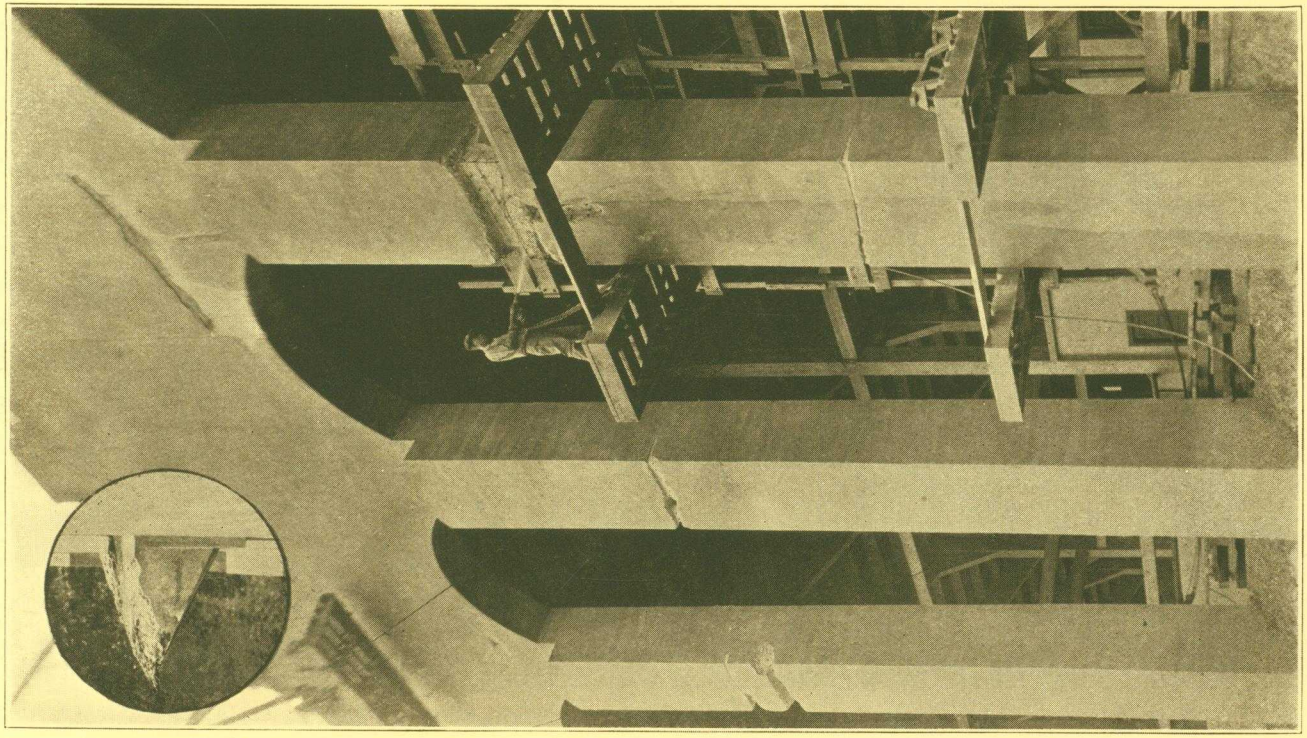


Removing disintegrated concrete from surface of seats and risers of large Athletic Stadium.

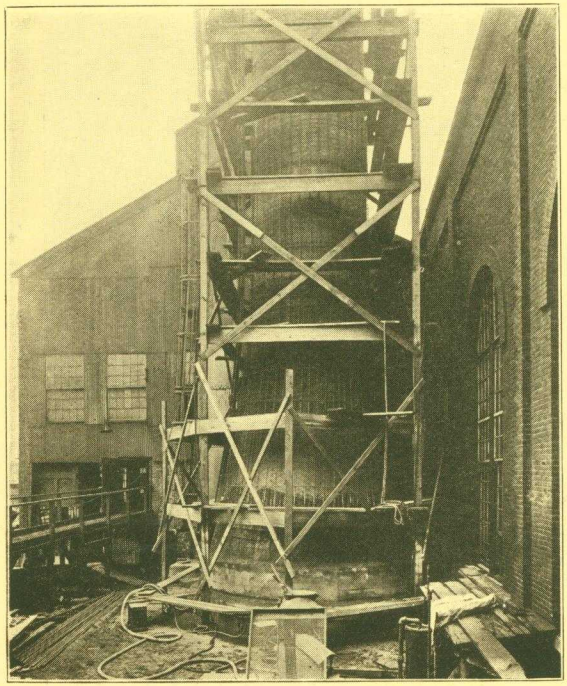
Restoring defective surface of seats and risers of Athletic Stadium by means of Cement-Guns.

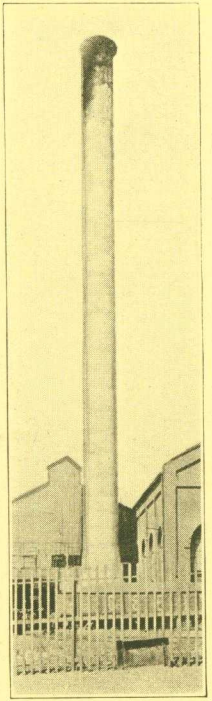


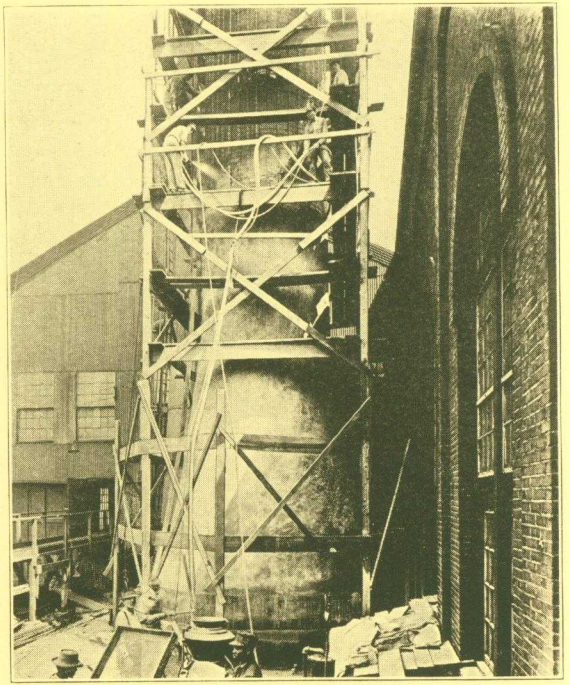
Removing defective concrete from columns and walls of Athletic Stadium and repairing structure. Insert shows water spout as restored to original shape.



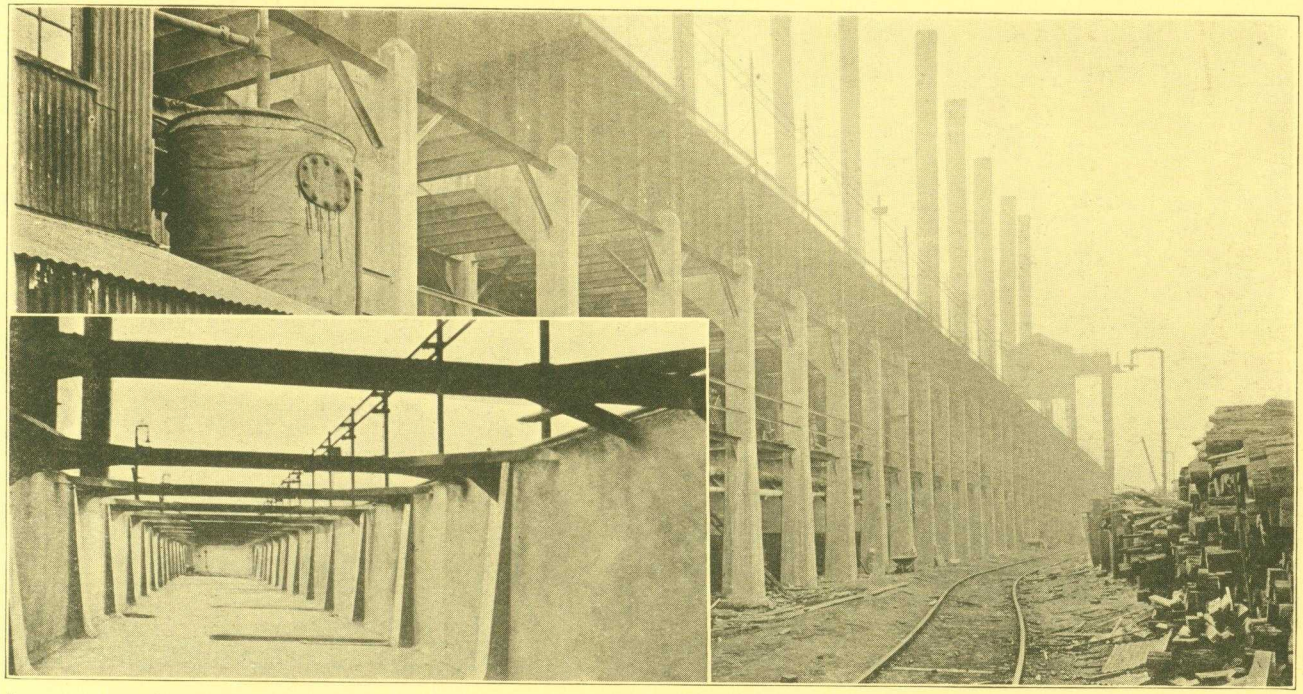
View showing how work on opposite page was done. Insert shows water spouts as we found them.



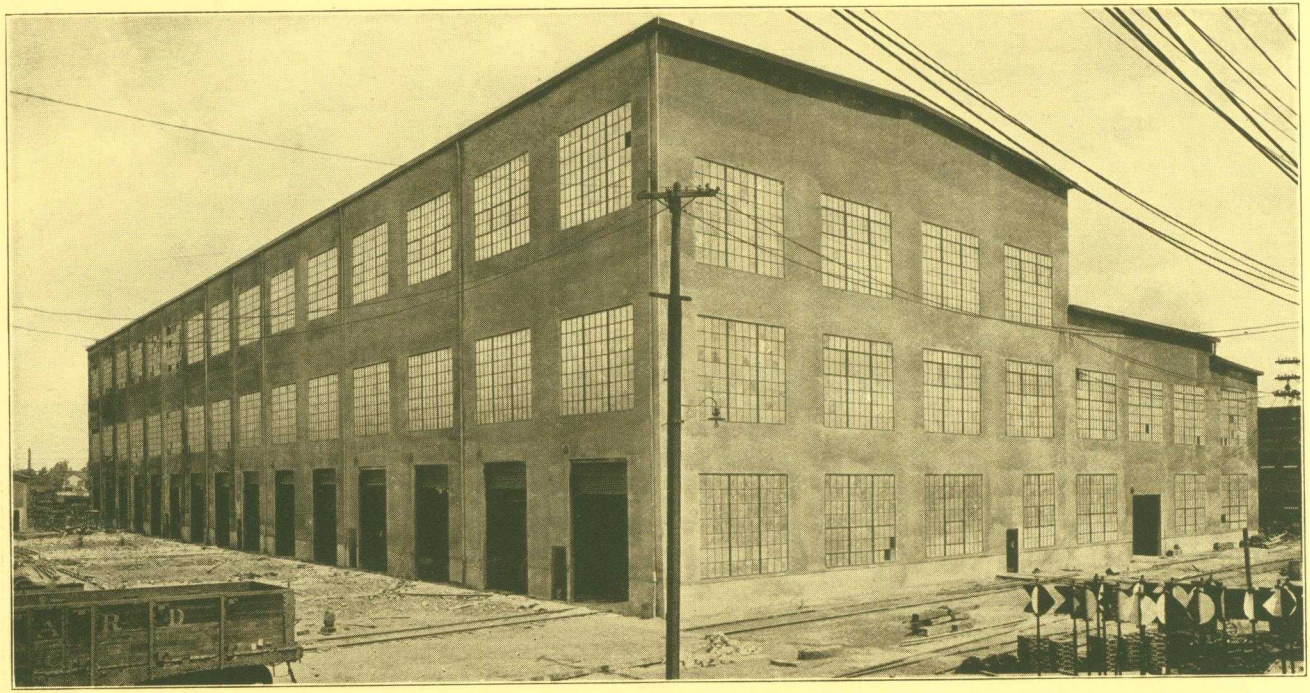




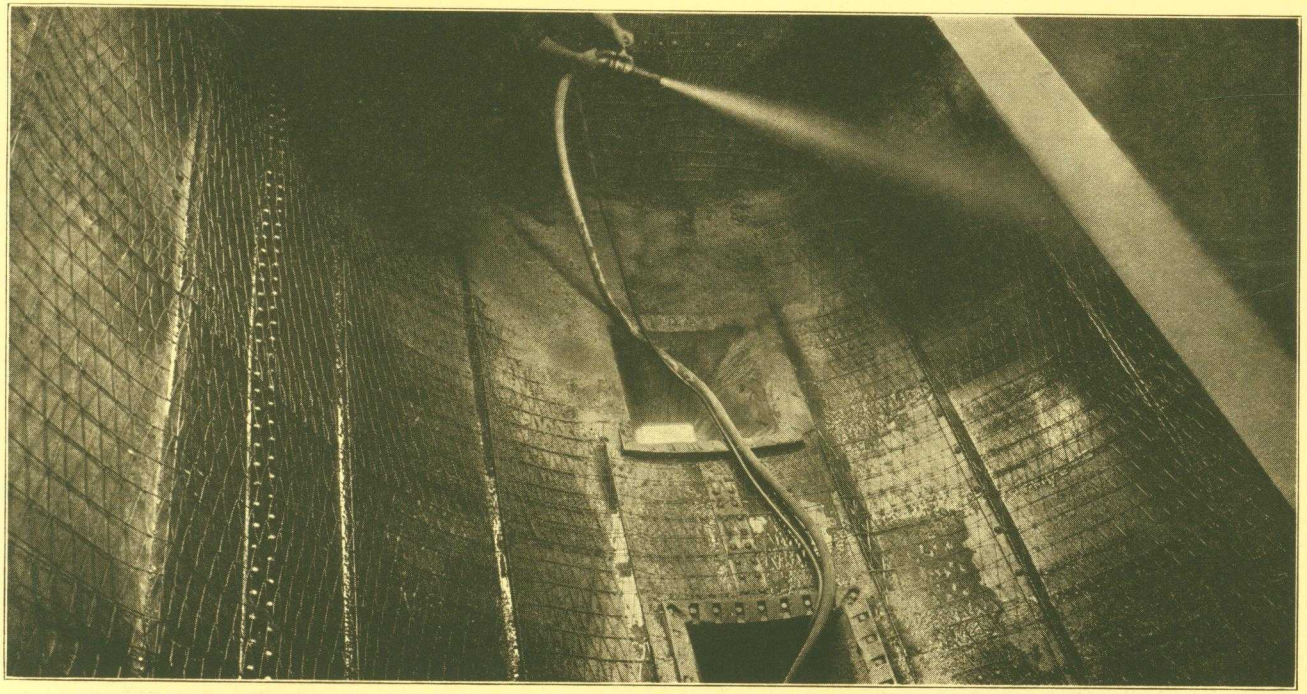
Views of reinforced Gunite chimneys built around old steel stacks, converting defective steel stacks into permanent reinforced Gunite stacks without interfering with operation. Patents pending.



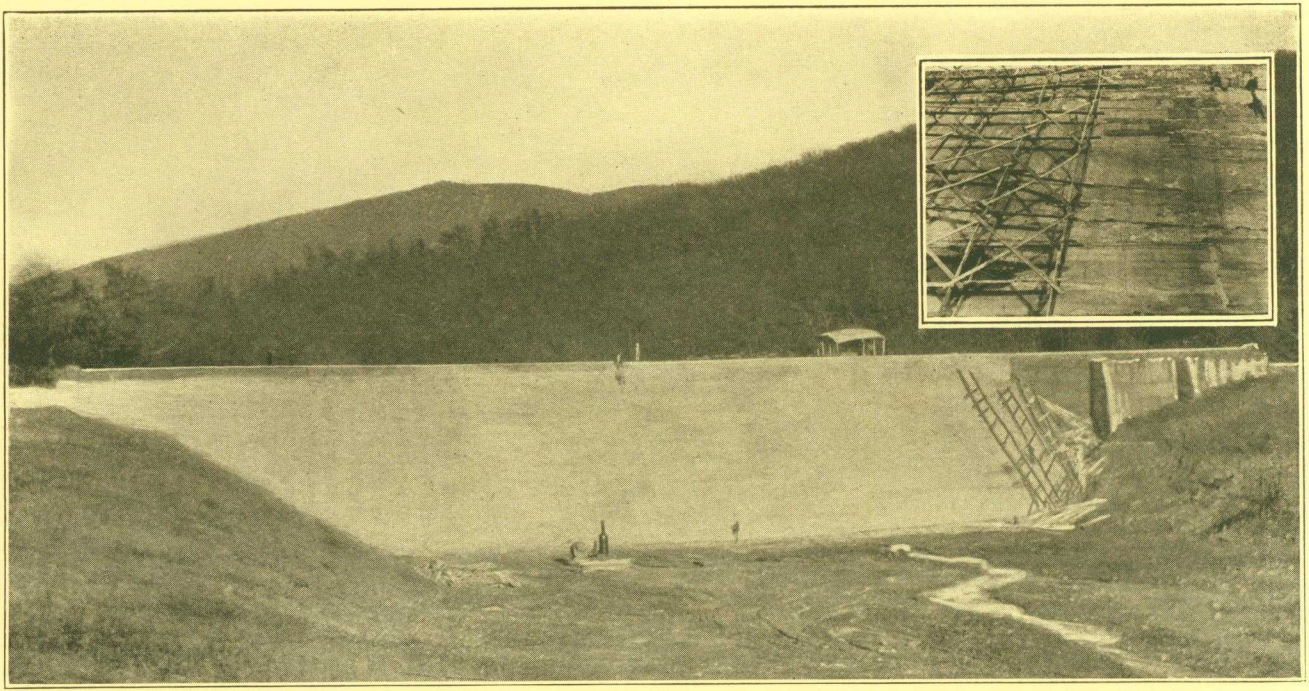
Interior and exterior views of reconstructed coal bunker. This bunker was transformed from steel to a reinforced Gunite bunker without removing the old structure.



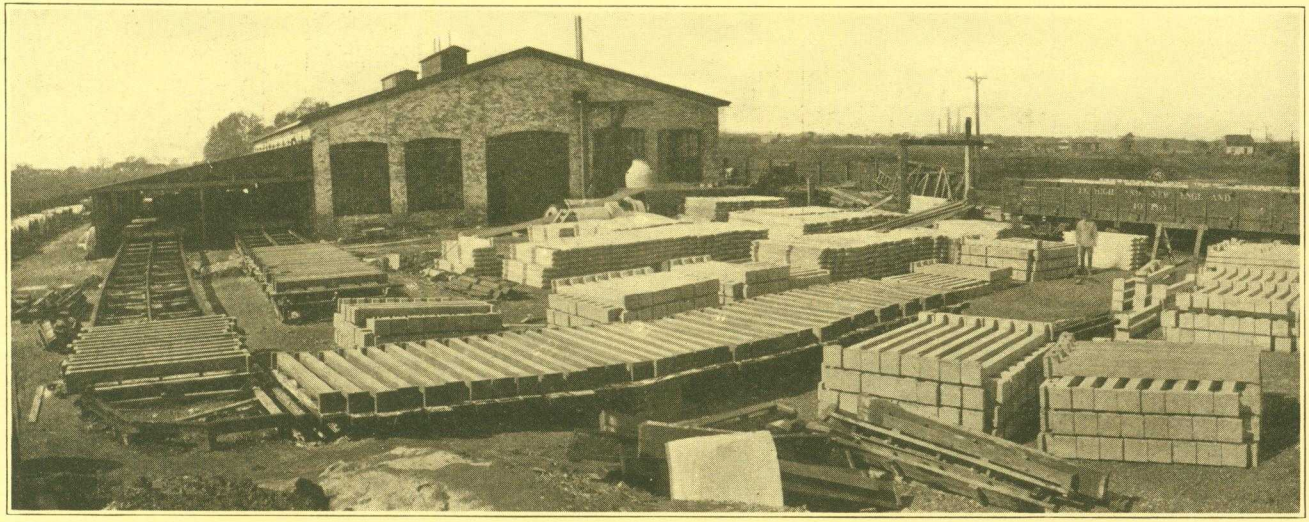
Machine shop of Seaboard Air Line Railway Co., Portsmouth, Va. Gunite walls on steel frame.



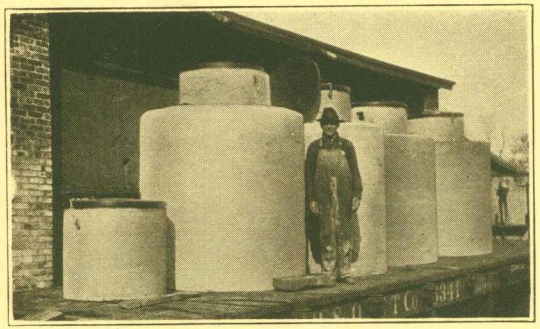
Interior view of suspended type coal bunker showing application of Gunite lining.



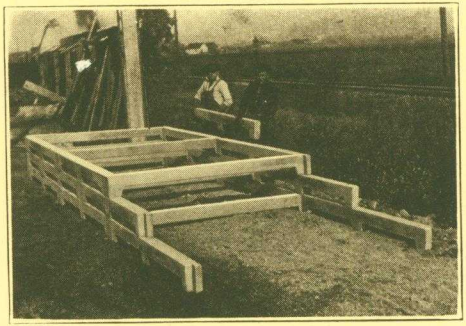
Gunite waterproofing of Dam at Uniontown, Pa. Insert shows condition of Dam before applying Gunite.



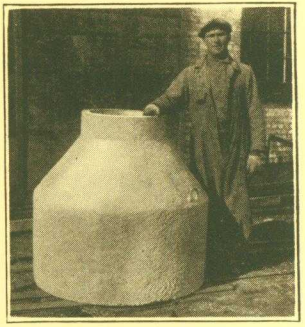
View of our Concrete Products Factory at Harvey, Ill., showing yard full of concrete cribbing ready to ship.
On following page are a few miscellaneous views of some of our factory products.



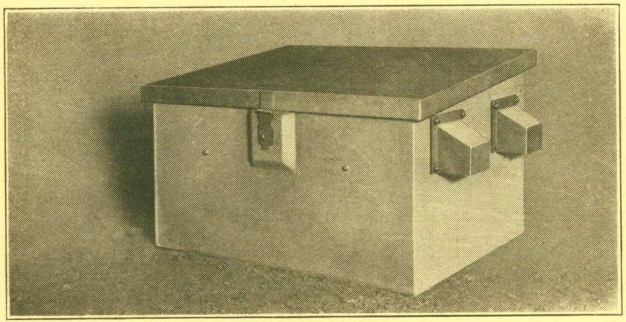
Shipment of Battery Wells.



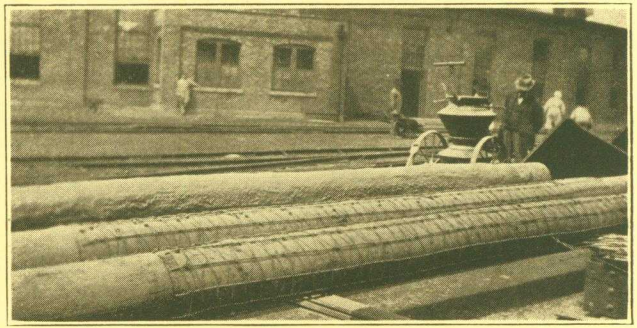
Erecting Concrete Cribbing.



Gasoline Container.

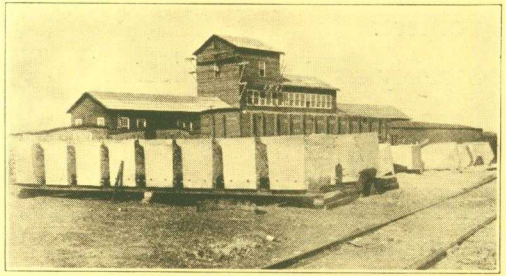


Battery Box

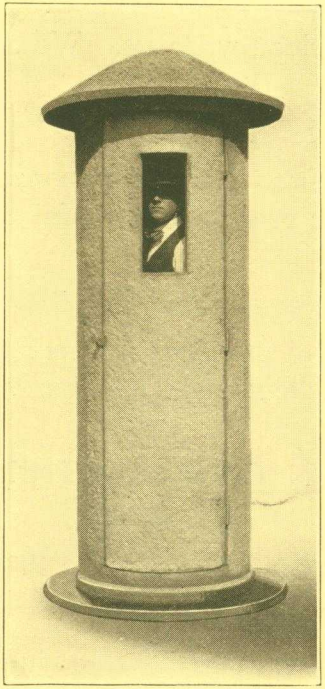


Gunite Protected Piles

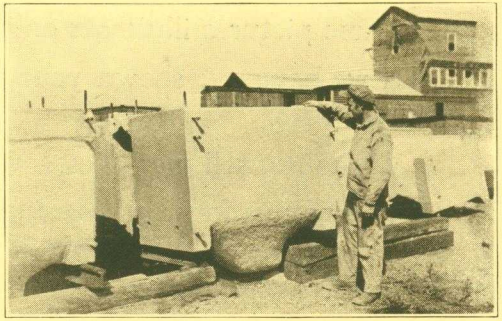
SOME OF OUR FACTORY PRODUCTS



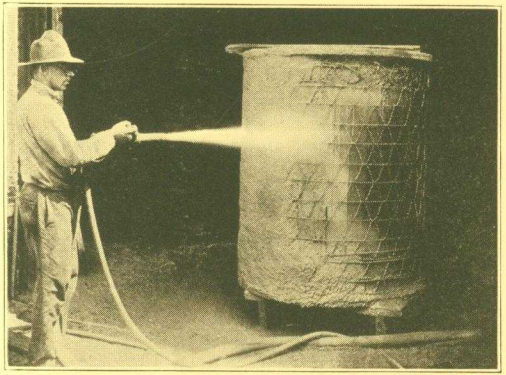
GUNCRETE electrolytic cells ready to ship.



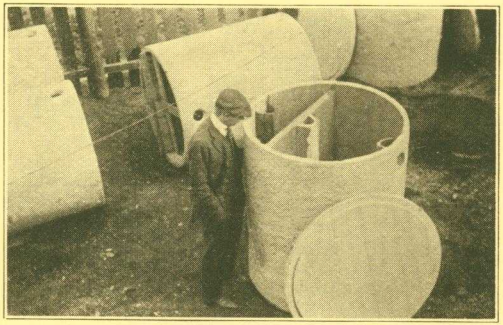
GUNCRETE telephone booth.



View showing details of GUNCRETE electrolytic cells.



Shooting GUNCRETE septic tanks.



GUNCRETE septic tanks ready to ship.

SOME OF OUR FACTORY PRODUCTS.

These pictures illustrate only recent work. We have many others.

If we have not shown your problem, write us. We can probably send you a picture that does.

We do not sell machines. WE SELL SERVICE.

You pay us for workmanship, material and a reasonable profit, and with it you get, free of charge, the benefit of our years of successful engineering and construction in this line of work.

Our work has been uniformly successful and IT HAS BEEN GOOD.

Do not wait until your plans and specifications are completed to write us. Write us at once. We may be able to make suggestions that will be helpful and save you time and money.

CEMENT GUN CONSTRUCTION COMPANY

Engineers Designers Builders

CHICAGO PITTSBURGH

The cover of this book is a full size reproduction of the appearance of Gunite with Cement-Gun finish

Cement Gun Construction Company

Designers and Builders of anything that can be done with CEMENT GUNS

This Is How We Do It